Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042321\
Data File : BN014381.D
Acq On : 23 Apr 2021 17:28
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD020060

Manual Integrations APPROVED
mohammad
4/26/2021 11:37:38 AM

Quant Time: Apr 26 07:45:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 23 12:06:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	145962	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	610524	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	359184	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	688175	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	689494	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	660069	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	22147	5.77	ng/uL	0.00
4) Pyridine-d5	3.61	84	143232	14.10	ng/ul	0.00
7) Phenol-d5	6.85	99	211111	17.30	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	135740	18.58	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	174965	18.23	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	164392	17.77	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	93446	21.18	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	76820	17.78	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	165884	17.82	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	237619	17.21	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	483187	18.57	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	613130	19.59	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	78622	15.58	ng/ul	0.00
60) Fluorene-d10	15.32	176	425253	18.49	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	52796	14.34	ng/ul	0.00
73) Anthracene-d10	17.16	188	638079	19.87	ng/ul	0.00
81) Pyrene-d10	19.46	212	677605	20.24	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	678564	19.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	22016	5.636	ng/uL	95
5) Pyridine	3.63	79	147050	14.083	ng/ul	95
6) Benzaldehyde	6.83	77	152894m	24.817	ng/ul	
8) Phenol	6.88	94	230057	17.539	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.12	93	196873	19.084	ng/ul	99
12) 2-Chlorophenol	7.25	128	188179	18.338	ng/ul	99
13) 2-Methylphenol	8.12	108	172727	18.160	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.21	45	224321	19.671	ng/ul	98
16) Acetophenone	8.50	105	312281	20.086	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.49	70	147904	20.461	ng/ul	98
18) 4-Methylphenol	8.45	108	186799	18.134	ng/ul	97
19) Hexachloroethane	8.76	117	90276	20.929	ng/ul	99
22) Nitrobenzene	8.88	77	232623	19.933	ng/ul	99
23) Isophorone	9.39	82	397319	20.243	ng/ul	99
25) 2-Nitrophenol	9.58	139	93490	18.314	ng/ul	100
26) 2,4-Dimethylphenol	9.64	107	202973	17.860	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.88	93	261494	19.556	ng/ul	99
29) 2,4-Dichlorophenol	10.11	162	171453	17.951	ng/ul	97
30) Naphthalene	10.51	128	653946	19.326	ng/ul	99
32) 4-Chloroaniline	10.62	127	250910	17.661	ng/ul	99
33) Hexachlorobutadiene	10.80	225	124943	20.036	ng/ul	94
34) Caprolactam	11.38	113	42515m	15.970	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.75	107	164143	17.387	ng/ul	96
36) 2-Methylnaphthalene	12.13	142	450434	19.537	ng/ul	98
37) 1-Methylnaphthalene	12.35	142	443904	19.335	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	229477	18.876	ng/ul	100
40) Hexachlorocyclopentadiene	12.49	237	133291	17.656	ng/ul	96
41) 2,4,6-Trichlorophenol	12.75	196	116918	16.639	ng/ul	97
42) 2,4,5-Trichlorophenol	12.81	196	133048	17.062	ng/ul	93
43) 1,1'-Biphenyl	13.15	154	566163	19.165	ng/ul	100
44) 2-Chloronaphthalene	13.19	162	437285	18.936	ng/ul	99
45) 2-Nitroaniline	13.39	65	97717	18.253	ng/ul	98
47) Dimethylphthalate	13.78	163	513993	19.028	ng/ul	99
48) 2,6-Dinitrotoluene	13.89	165	93485	19.734	ng/ul	95
50) Acenaphthylene	14.04	152	643979	19.335	ng/ul	98
51) 3-Nitroaniline	14.22	138	97434	16.692	ng/ul	99
52) Acenaphthene	14.39	153	452823	18.639	ng/ul	99
53) 2,4-Dinitrophenol	14.43	184	54279	19.629	ng/ul	98
55) 4-Nitrophenol	14.53	109	87466	20.226	ng/ul	97
56) Dibenzofuran	14.72	168	639789	18.923	ng/ul	97
57) 2,4-Dinitrotoluene	14.68	165	135286	19.768	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.95	232	102265	16.670	ng/ul	98
59) Diethylphthalate	15.15	149	495496	17.932	ng/ul	98
61) Fluorene	15.37	166	526748	19.219	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.37	204	259581	19.233	ng/ul	99
63) 4-Nitroaniline	15.39	138	100854	17.750	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.45	198	57576	14.763	ng/ul	100
67) N-Nitrosodiphenylamine	15.58	169	415493	19.404	ng/ul	98
68) 4-Bromophenyl-phenylether	16.26	248	143778	19.749	ng/ul	98
69) Hexachlorobenzene	16.38	284	171255	19.706	ng/ul	96
70) Atrazine	16.53	200	126649	16.644	ng/ul	95
71) Pentachlorophenol	16.72	266	77233	15.285	ng/ul	95
72) Phenanthrene	17.11	178	792991	19.736	ng/ul	98
74) Anthracene	17.20	178	803341	19.684	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.11	216	230582	20.347	ng/uL	98
76) Pentachlorobenzene	14.64	250	228598	20.296	ng/uL	93
77) Carbazole	17.47	167	662196	17.937	ng/ul	99
78) Di-n-butylphthalate	18.05	149	712674	17.841	ng/ul	100
80) Fluoranthene	19.13	202	840935	19.883	ng/ul	100
82) Pyrene	19.49	202	913404	20.282	ng/ul	99
83) Butylbenzylphthalate	20.41	149	230967	15.620	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.19	252	187174	15.179	ng/ul	97
85) Benzo(a)anthracene	21.25	228	873500	19.606	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.19	149	409323	16.984	ng/ul	98
87) Chrysene	21.30	228	841884	19.496	ng/ul	97
89) Di-n-octyl phthalate	22.07	149	614004	14.899	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	833846	18.883	ng/ul	99
91) Benzo(k)fluoranthene	22.86	252	904290	20.571	ng/ul	98
93) Benzo(a)pyrene	23.39	252	789552	20.209	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.73	276	1035385	19.995	ng/ul	98
95) Dibenzo(a,h)anthracene	25.73	278	867644	20.296	ng/ul	98
96) Benzo(g,h,i)perylene	26.41	276	825616	19.729	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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